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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. VGEN.P-066 First Inventor or Application Identifier IZMAILOV, ET AL

Title Nethod and Apparatus for Alignment of DNA.

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

Express Mail Label No EL55613121862

	APPLICATION ELEMENTS	ADDRESS TO: Box Patent Application
	hapter 600 concerning utility patent application contents.	Washington, DC 20231
1. (Se	Fee Transmittal Form (e.g., PTO/SB/17) Submit an original and a duplicate for fee processing)	5. Microfiche Computer Program (Appendix)6. Nucleotide and/or Amino Acid Sequence Submission
- 1	pecification [Total Pages 27] referred arrangement set forth below)	(if applicable, all necessary)
	Descriptive title of the Invention	a. Computer Readable Copy
	Cross References to Related Applications	b. Paper Copy (identical to computer copy)
1	Statement Regarding Fed sponsored R & D	
	Reference to Microfiche Appendix	c. Statement verifying identity of above copies
	Background of the Invention	ACCOMPANYING APPLICATION PARTS
i i	Brief Summary of the Invention	7 Assignment Papers (cover sheet & document(s))
1	Brief Description of the Drawings (if filed)	37 C.F.R.§3.73(b) Statement Power of
•	Detailed Description	8 (when there is an assignee) Attorney
	Claim(s) Abstract of the Disclosure	9 English Translation Document (if applicable)
	Abstract of the Disclosure rawing(s) (35 U.S.C. 113) [Total Sheets 14]	10 Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
4. Oath or f	Declaration [Total Pages]	11 Preliminary Amendment
a. [Newly executed (original or copy)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
	Copy from a prior application (37 C.F.R. § 1.63	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
b.	(for continuation/divisional with Box 16 completed)	Statement filed in prior application,
	DELETION OF INVENTOR(S)	(PTO/SB/09-12) Status still proper and desired
1	Signed statement attached deleting inventor(s) named in the prior application	Certified Copy of Priority Document(s) (if foreign priority is claimed)
	see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	
NOTE FOR	ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTIT	
FEES, A SMA IF ONE FILE	ALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT ED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	
		supply the requisite information below and in a preliminary amendment:
	Continuation Divisional Continuation-in-part (
	oplication information: Examiner UATION or DIVISIONAL APPS only: The entire disclosure	Group / Art Unit: e of the prior application, from which an oath or declaration is supplied
under Box 4t	b, is considered a part of the disclosure of the accompar	nying continuation or divisional application and is hereby incorporated by
rererence. T		n has been inadvertently omitted from the submitted application parts.
	17. CORRESPOND	ENCE ADDRESS
Custon	mer Number or Bar Code Label (Insert Customer No. or A.	or Correspondence address below
[021	121
Name	PATENT TRACEION	Y Afterior
·····	rates) jests.	
Address		
City	State	Zip Code
Country	Telephone	970-468-6600 Fax 970-468-0104
		1 010 100 000
Name ((Pnni/Type) Carl Oppedahl	Registration No. (Attorney/Agent) 32,746
Signatur	re (MM (On)	Dete CAPTOL

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PTO/SB/17 (2/98)
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		Complete if Known		
EEE TOANS	AAITTAI	Application Number	TBA	
FEE TRANS		Filing Date	April 6, 2001	
Patent fees are subject to annual a These are the fees effective	October 1, 1997.	First Named Inventor	Izmailov	
Small Entity payments <u>must</u> be supporte otherwise large entity fees must be paid		Examiner Name	<u>-</u>	
See 37 C.F.R. §§ 1.27		Group / Art Unit		
TOTAL AMOUNT OF PAYMENT	(\$) 355	Attorney Docket No.	VGEN.P-066	
	(-b1)	EEE OALOU	LATION (continued)	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FE Large Entity Small Entit Fee Fee Fee Fee Code (\$) Code (\$)			
Account Number 15-0610	105 130 205 65	Surcharge - late filing fee or oath		
Deposit Account Name Oppedahl & Larson LLP	127 50 227 25	Surcharge - late provisional filing fee or cover sheet.		
Charge Any Additional Charge the Issue Fee Set in	139 130 139 130	Non-English specification		
Fee Required Under 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance	147 2,520 147 2,520	For filing a request for reexamination		
	112 920* 112 920*	Requesting publication of SIR prior to Examiner action		
2. Payment Enclosed: Check Money Order Other	113 1,840* 113 1,840*	Examiner action		
FFE CALCULATION	115 110 215 55	Extension for reply within first month		
FEE CALCULATION	116 400 216 200	Extension for reply within second month		
1. BASIC FILING FEE	117 950 217 475	Extension for reply within third month		
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	118 1,510 218 755	Extension for reply within fourth month		
Code (\$) Code (\$)	128 2,060 228 1,030	Extension for reply within fifth month		
101 790 201 395 Utility filing fee 355.00	119 310 219 155	Notice of Appeal		
106 330 206 165 Design filing fee	120 310 220 155	Filing a brief in support of an appeal		
107 540 207 270 Plant filing fee	121 270 221 135	Request for oral hearing		
108 790 208 395 Reissue filing fee	138 1,510 138 1,510	Petition to institute a public use proceeding		
114 150 214 75 Provisional filing fee	140 110 240 55	Petition to revive - unavoidable		
SUBTOTAL (1) (\$) 355.00	141 1,320 241 660	Petition to revive - unintentional		
2. EXTRA CLAIM FEES	142 1,320 242 660	Utility issue fee (or reissue)		
Fee from Extra Claims below Fee Paid	143 450 243 225	Design issue fee		
Total Claims 9 -20** = 0 X = 0	144 670 244 335	Plant issue fee		
Independent 3 - 3** = 0 x = 0	122 130 122 130	Petitions to the Commissioner		
Multiple Dependent =	123 50 123 50	Petitions related to provisional applications		
**or number previously paid, if greater; For Reissues, see below	126 240 126 240	Submission of Information Disclosure Stmt		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40	Recording each patent assignment per property (times number of properties)		
103 22 203 11 Claims in excess of 20	146 790 246 395	Filing a submission after final rejection		
102 82 202 41 Independent claims in excess of 3	149 790 249 395	(37 CFR 1.129(a))		
104 270 204 135 Multiple dependent claim, if not paid	140 700 240 000	For each additional invention to be examined (37 CFR 1.129(b))		
109 82 209 41 ** Reissue independent claims over original patent	Other fee (specify)			
110 22 210 11 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)			
SUBTOTAL (2) (\$) 0	'Reduced by Basic Filing	Fee Paid SUBTOTAL (3) (\$) 0		
SUBMITTED BY		Complete (if applicable)		

SUBMITTED BY	Υ			Complete (if	applicable)
Typed or Printed Name	CARL OPPEDAHL			Reg. Number	32,746
Signature	Carlenguil	Date	04/06/01	Deposit Account User ID	

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PTO/SB/35 (11-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First N	amed Inventor	Izmailov	
Title	Method and Apparatus for Alignment of DNA		for
Atty Do	ocket Number	VGEN.P-066	

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 6, 2001

The state of the s

Date

CARL OPPEDAHL

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement. This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.